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PATENT APPLICATION

ATTORNEY DOCKET NO. 10030875-1

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Vicente V. Cavanna et al.

Serial No.:

Examiner: Unassigned

Filing Date: Herewith

Group Art Unit: N/A

Title: METHODS FOR COMPUTING THE CRC OF A MESSAGE FROM THE INCREMENTAL CRCs  
OF COMPOSITE SUB-MESSAGES

COMMISSIONER FOR PATENTS  
PO Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:
  - ☐ Statement under 37 CFR 1.97(e), or
  - ☐ a \$180.00 Processing fee under 37 CFR 1.17(p), or  
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d) together with a:
  - ☐ Statement under 37 CFR 1.97(e), and
  - ☐ a \$180.00 processing fee under 37 CFR 1.17(p).  
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Please charge to Deposit Account **50-1078** the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **50-1078** pursuant to 37 CFR 1.25.

☐ Applicant(s) submit herewith Form PTO 1449. References identified with an asterisk (\*) were disclosed in Patent Application No. \_\_\_\_\_ filed \_\_\_\_\_, now U. S. Patent No. \_\_\_\_\_, and, as such, copies thereof are not included pursuant to the provisions of 37 CFR 1.98(d).

☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

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Date of Deposit **Sept. 22, 2003**

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.



Typed Name: John A. Parker

Respectfully submitted,

Vicente V. Cavanna et al.

By

  
Jeff A. Holmen

Attorney/Agent for Applicant(s)  
Reg. No. **38,492**

Date: **Sept. 22, 2003**

Telephone No.: **(612) 573-0178**

## PATENT APPLICATION

Sheet 1 of 2

<b>FORM PTO-1449</b>  <b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>  (Use several sheets if necessary)	ATTY. DOCKET NO.	SERIAL NO.
	10030875-1	
	APPLICANT <b>Vicente V. Cavanna et al.</b>	
	FILING DATE	GROUP
	Herewith	N/A

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	*	DOCUMENT NUMBER	DATE	NAME

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	NAME	TRANSLATION	
					YES	NO

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	Ross Williams, "A PAINLESS GUIDE TO CRC ERROR DETECTION ALGORITHMS," Internet Publication, August 1993, available at <a href="ftp://ftp.rocksoft.com/papers/crc_v3.txt">ftp://ftp.rocksoft.com/papers/crc_v3.txt</a> . (35 pgs.)
	R. Stewart et al. "Stream Control Transmission Protocol", Internet Engineering Task Force (IETF) Publication, October 2000, available at <a href="http://www.ietf.org">www.ietf.org</a> . (126 pgs.)
	J. Stone et al., "Stream Control Transmission Protocol (SCTP) Checksum Change", Internet Engineering Task Force (IETF) Publication, September 2002, available at <a href="http://www.ietf.org">www.ietf.org</a> . (16 pgs.)
EXAMINER	DATE CONSIDERED

\* Copies of these references are not enclosed pursuant to 37 CFR 1.98(d). (See accompanying IDS)

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**REFERENCE DESIGNATION U.S. PATENT DOCUMENTS**

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**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	NAME	TRANSLATION	
					YES	NO

**OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)**

	D. Sheinwald et al., "Internet Protocol Small Computer System Interface (iSCSI) Cyclic Redundancy Check (CRC)/Checksum Considerations", Internet Engineering Task Force (IETF) Publication available at <a href="http://www.ietf.org">www.ietf.org</a> . (22 pgs.)
	Data Integrity PowerPoint presentation, slides 1-39 entitled "iSCSI-R Data Integrity", Jim Wendt et al., Version 2, October 7, 2002.
EXAMINER	DATE CONSIDERED

\* Copies of these references are not enclosed pursuant to 37 CFR 1.98(d). (See accompanying IDS)